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(54) Title: METHOD FOR GENERATING SPLIT, NON-TRANSFERABLE GENES THAT ARE ABLE TO EXPRESS AN ACTIVE PROTEIN PRODUCT

(57) Abstract: A new type of transgene system is disclosed which allows efficient protein expression in a target host such as a plant, but avoids the undesirable result of the migration of the transgene into related host systems and/or to the environment via the pollen. The methods described herein may also be applied to the expression of virtually any protein of interest (e.g. a toxic protein) in eukaryotic (yeast, insect, mammalian cells, etc.) and prokaryotic (*E. coli*, etc.) organisms.